



## PRODUCT DATA SHEET

# ADSL Wall mount Filter/Splitter High Performance Dynamic Filter



## GENERAL

The Model C10345 E is a wall mount distributed filter/Splitter for use with each item of Customer Equipment (CE) connected on a PSTN Line that has an overlay ADSL service. Its purpose is to attenuate the ADSL signal before reaching the PSTN connected CE.

## APPLICATIONS

- High performance Dynamic filters are used throughout subscribers premises to isolate all voice band equipment/devices such as telephone sets (including cordless types), answering machines, facsimile (fax) machines, 56Kbps and lower rate (dial up) modems, automatic diallers and recorder connectors.

## FEATURES

- Isolate telephone equipment impedances from the ADSL and Home Phone Network (HPN) house wiring.
- Attenuate ADSL and HPN signals to telephone equipment to prevent conversion to voice band signals.
- Attenuate HPN signals to unbalanced telephone equipment to prevent radiation into electronic equipment.
- Attenuate radio signals picked up by unbalanced telephone acting as an antenna from affecting ADSL and HPN receivers.
- Minimise voice band interference – transmission, signalling and supervision.
- G.dmt, G.Lite, V.90 compatible.
- Conforms to ACIF Standard S002 – Appendix F; TS001 and TS002 and AS3260.
- ETSI TS-101-952-1-5 v1.1.1. (2003-05) certification pending

## TECHNICAL SPECIFICATIONS

### Electrical

Network Interface:

Line **RJ-11 Plug**

Data Port:

ADSL Modem (side) **RJ-45 Jack** (optional 8P-to-6P insert)

Analogue Port: (filtered)

Phone (front) **RJ-11 jack**

Fax/Phone (side) **RJ-45 jack** (optional 8P-to-6P insert)

### Physical

Material **Plastic high impact ABS**

Dimensions:

Width 77.38 mm

Length 114.8 mm

Height 27.60 mm

(body height 18.00 mm)

### Ordering Information

C10 Model No.	C10 Part No.
C10345	1078285
C10345E	1078311

Other configurations available upon request.

Optional 8P-to-6P Adaptor Insert available on request.

C10 products are subject to continuous development and improvement and we reserve the right to change specifications without notice.

## C10 Communications

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